

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claim 1 (currently amended): A wall comprising:

a first layer including a substantially aesthetically completed exterior surface, and comprising a plurality of first blocks formed with at least a first receptacle on a top surface thereof and a second receptacle on a bottom surface thereof, wherein the first receptacle is co-extensive with the second receptacle;

a second layer formed with a slit on a top side and a bottom side thereof;

a third layer interposed between the first and second layers;

the third layer being a layer of a cementitious material formed between the first and second layers; and

at least a first tie extending between the first and second layers, and comprising:

a strut, the strut including a first face and a second face opposite one another;

a plurality of first flanges disposed on the strut and extending outwardly from the first face, the first flanges being substantially parallel with one another and spaced apart from one another; and

an anchor having a bottom side coplanar with the strut.

Claim 2 (cancelled)

Claim 3 (currently amended): The wall as set forth in Claim 1, ~~in which at least one of the blocks forming the plurality of first blocks is formed with at least a first receptacle,~~ the third layer being formed between the first and second layers and being received in at least a portion of the ~~at least first~~ and second receptacles.

Claims 4 and 5 (cancelled)

Claim 6 (original): The wall as set forth in Claim 1, in which the second layer is formed at least partially of an insulative material.

Claim 7 (original): The wall as set forth in Claim 1, in which the second layer includes a substantially aesthetically completed exterior surface.

Claim 8 (original): The wall as set forth in Claim 7, in which the first layer is formed of a plurality of first blocks, and in which the second layer is formed of a plurality of second blocks, the at least first tie extending between one of the first blocks and one of the second blocks.

Claim 9 (original): The wall as set forth in Claim 8, in which the at least first tie, the one of the first blocks, and the one of the second blocks together form an assembled construction unit.

Claim 10 (original): The wall as set forth in Claim 9, in which the wall is formed of a plurality of the assembled construction units.

Claim 11 (original): The wall as set forth in Claim 1, in which the third layer includes at least a first reinforcement member.

Claim 12 (currently amended): The wall as set forth in Claim 11, in which the strut of the at least first tie comprises a rib disposed on the first face, and which includes ~~tie includes a strut, the strut including~~ at least a first socket formed therein, the at least first reinforcement member being disposed in the socket.

Claim 13 (currently amended): The wall as set forth in Claim 11, in which the strut of the at least first tie includes a strut, the strut includes ~~desing~~ a plurality of sockets formed therein, the at least first reinforcement member being disposed in one of the sockets depending upon the strengthening effect desired from the at least first reinforcement member.

Claim 14 (currently amended): The wall as set forth in Claim 1, in which ~~the at least first tie includes a strut,~~ at least a portion of the strut of the at least first tie ~~extending~~ generally through the third layer, the at least portion of the strut extending generally through the third layer having a greater degree of stiffness in a vertical direction than in a horizontal direction.

Claim 15 (currently amended): The wall as set forth in Claim 1, in which ~~the at least first tie includes a strut,~~ at least a portion of the strut of the at least first tie ~~extending~~ generally through the third layer, the at least portion of the strut that extends through the third layer having a vertical area and a horizontal area, the vertical area being greater than the horizontal area.

Claim 16 (currently amended): The wall as set forth in Claim 1, in which ~~the at least first tie includes a strut,~~ at least a portion of the strut of the at least first tie ~~extending~~ through the third layer and ~~having~~ a vertical dimension and a horizontal dimension, the vertical dimension being generally greater than the horizontal dimension.

Claim 17 (currently amended): The wall as set forth in Claim 1, in which ~~at least one of the~~ first receptacle on the top surface of the plurality of first blocks and the second receptacle on the bottom surface of the plurality of first blocks each ~~first and second layers includes a slot formed therein, the slot including~~ includes a constricted throat, and in which the ~~at least anchor of the first tie~~ includes a plug, at least a portion of the plug being received in the constricted throat of the second receptacles~~slot~~.

Claim 18 (currently amended): The wall as set forth in Claim 17, in which the ~~at least anchor of the at least first tie~~ includes an abutment member disposed adjacent the plug, and in which the ~~at least one of the first and second layers~~ includes a surface, the abutment member ~~is being~~ disposed against the bottom surface of the plurality of first blocks and adjacent to the second receptacles~~slot~~.

Claims 19-95 (cancelled)

Claim 96 (new): The wall as set forth in Claim 1, wherein at least one of the flanges of the plurality of first flanges is disposed in the slit on the bottom side of the second layer such that the first face of the strut abuts the bottom side of the second layer, and wherein the anchor is disposed within the second receptacle such that the bottom side of the anchor abuts the bottom surface of the plurality of first blocks.

Claim 97 (new): The wall as set forth in Claim 1, wherein the at least first tie further comprises a plurality of second flanges disposed on the strut and extending outwardly from the second face, the second flanges being substantially parallel with one another and spaced apart from one another.

Claim 98 (new): The wall as set forth in Claim 97, wherein at least one of the flanges of the plurality of second flanges is disposed in the slit on the top side of the second layer such that the second face of the strut abuts the top side of the second layer, and wherein the anchor is disposed within the first receptacle such that the bottom side of the anchor abuts the top surface of the plurality of the first blocks.

Claim 99 (new): The wall set forth in Claim 98, in which the third layer includes at least a first reinforcement member; and in which the strut of the at least first tie includes a plurality of sockets formed therein, the at least first reinforcement member being disposed in one of the sockets depending upon the strengthening effect desired from the at least first reinforcement member.

Claim 100 (new): A wall comprising:

a first layer comprising a plurality of first blocks formed with at least a first receptacle on a top surface thereof and a second receptacle on a bottom surface thereof, wherein the first receptacle is co-extensive with the second receptacle;

a second layer formed with a slit on a top side and a bottom side thereof;

a third layer interposed between the first and second layers, the third layer being a layer of a cementitious material formed between the first and second layers;

at least one of a first tie extending between the first and second layers, and comprising:

a strut, the strut including a first face and a second face opposite one another;

a plurality of first flanges disposed on the strut and extending outwardly from the first face, the first flanges being substantially parallel with one another and spaced apart from one another; and

an anchor having a bottom side coplanar with the strut;

wherein at least one of the flanges of the plurality of first flanges is disposed in the slit on the bottom side of the second layer such that the first face of the strut of the at least one of the first tie abuts the bottom side of the second layer, and wherein the anchor of the at least one of the first tie is disposed within the second receptacle such that the bottom side of the anchor of the at least one of the first tie abuts the bottom surface of the plurality of first blocks; and

at least one of a second tie extending between the first and second layers, and comprising:

a strut, the strut including a first face and a second face opposite one another;

a plurality of first flanges disposed on the strut of the at least one of the second tie and extending outwardly from the first face, the first flanges of the at least one of the second tie being substantially parallel with one another and spaced apart from one another;

a plurality of second flanges disposed on the strut of the at least one of the second tie and extending outwardly from the second face, the second flanges

being substantially parallel with one another and spaced apart from one another;
and

an anchor having a bottom side coplanar with the strut;

wherein at least one of the flanges of the plurality of second flanges is disposed in the slit on the top side of the second layer such that the second face of the strut of the at least one of the second tie abuts the top side of the second layer, and wherein the anchor of the at least one of the second tie is disposed within the first receptacle such that the bottom side of the anchor of the at least one of the second tie abuts the top surface of the plurality of the first blocks.